

Figure 1A

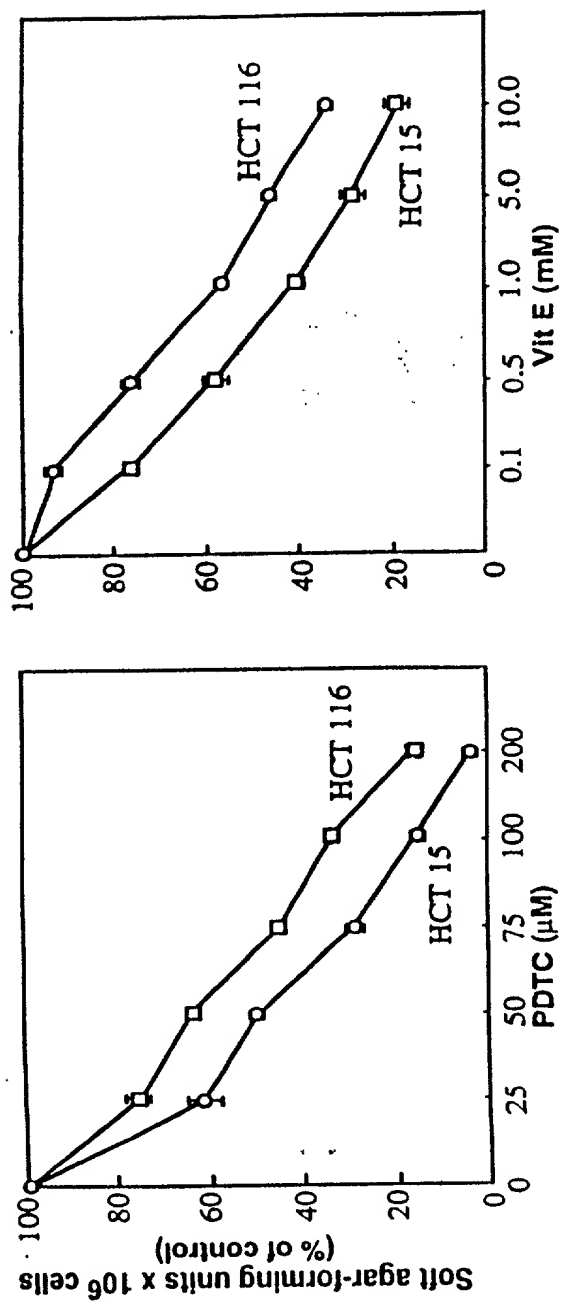


Figure 1B

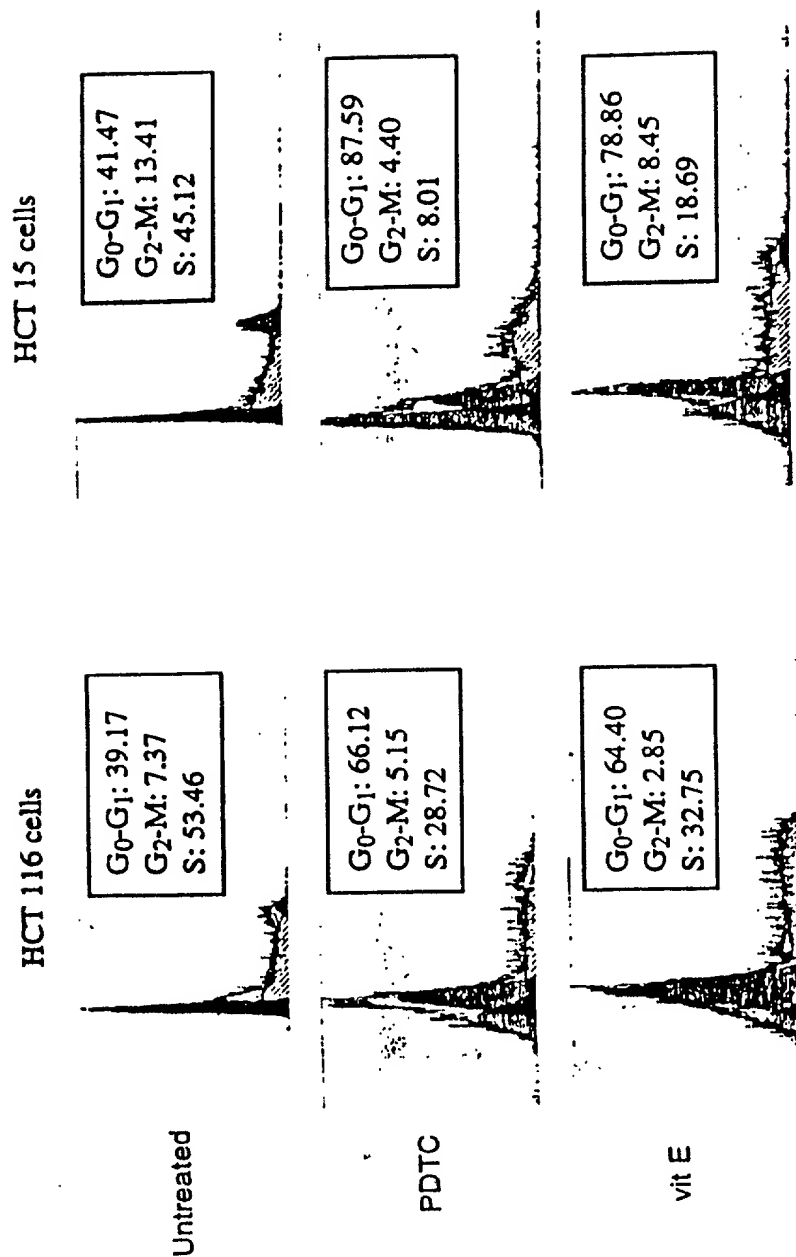
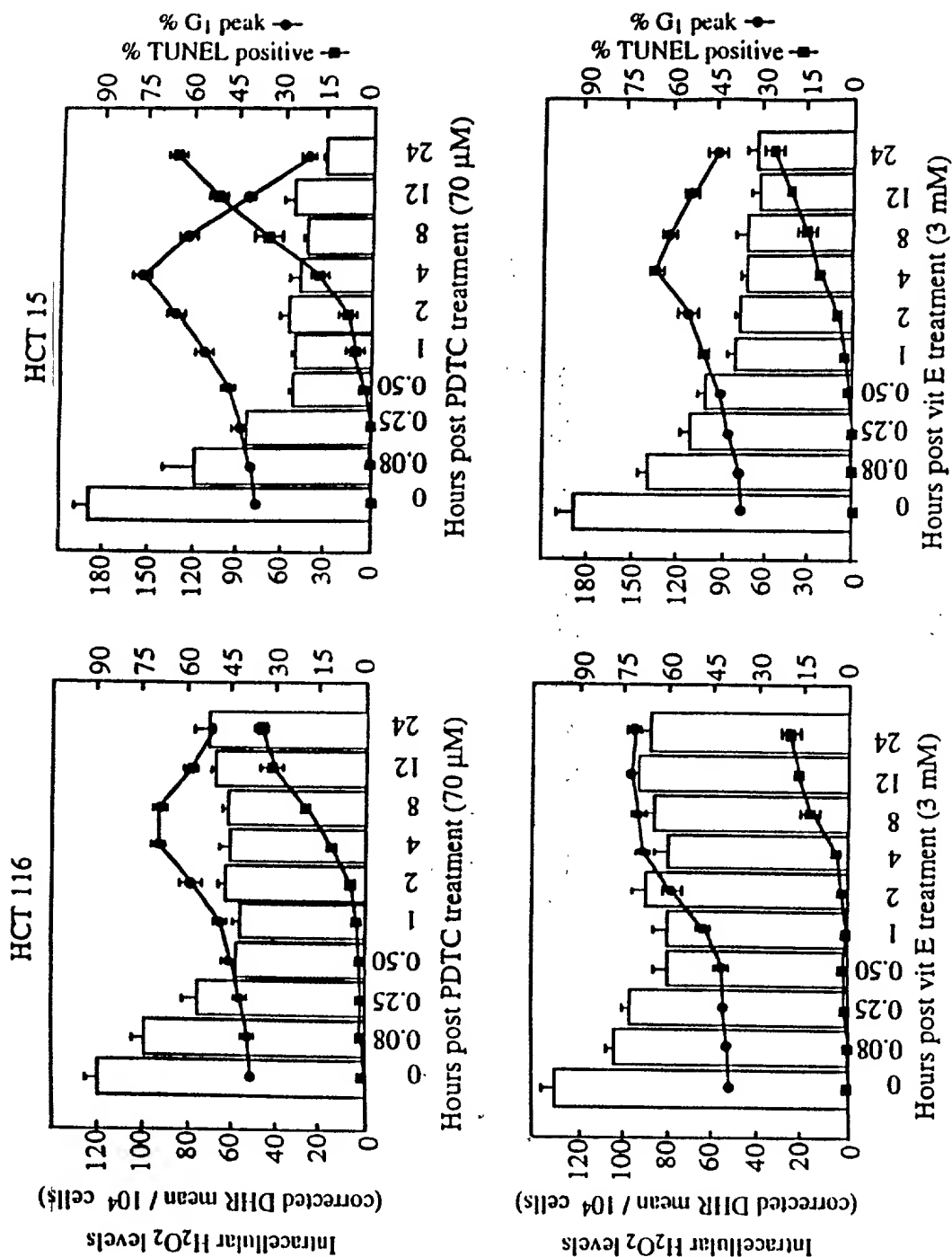


Figure 1C



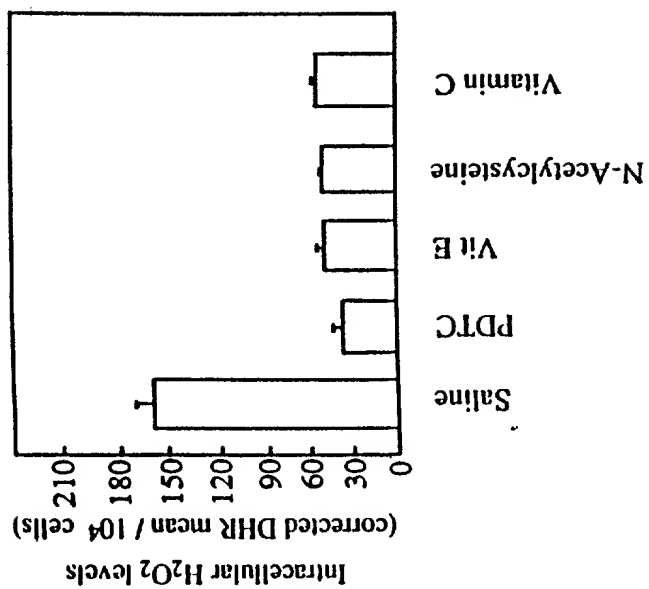


Figure 1D

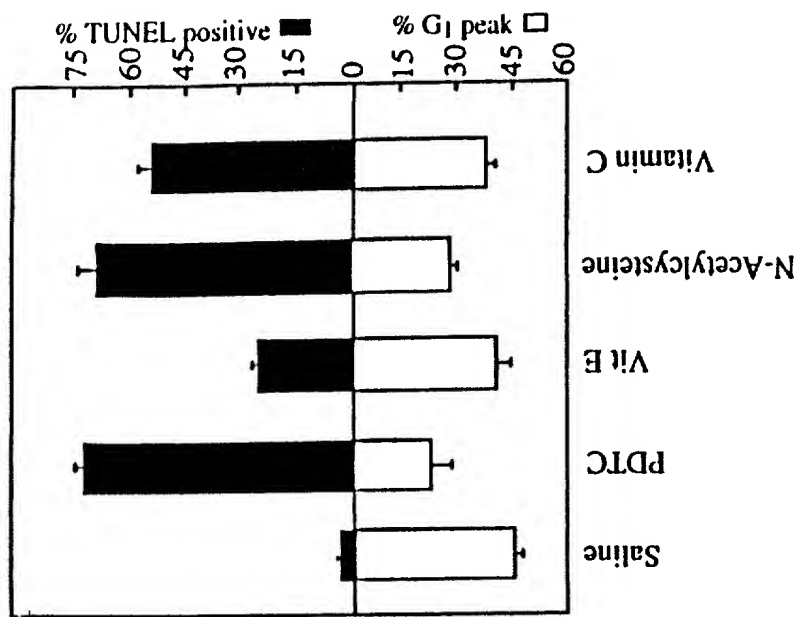


Figure 1E

Sensitization of HCT 116 and HCT 15 colon cancer cells to chemotherapeutic agents by PDTTC (70 μ M) or vitamin E (3 mM)				
Cell line	Drug	IC ₅₀ (μ M) ^a		
		- Antioxidant	+ PDTTC	+ vitamin E
HCT 116	5FU	3.8 (± 0.21)	1.5 (± 0.29)	1.7 (± 0.20)
	Doxorubicin	0.32 (± 0.07)	0.09 (± 0.08)	0.13 (± 0.05)
HCT 15	5FU	11.4 (± 0.11)	1.01 (± 0.09)	1.4 (± 0.10)
	Doxorubicin	1.51 (± 0.07)	0.11 (± 0.05)	0.17 (± 0.04)

^aThe concentration of 5-FU or doxorubicin required to reduce soft agar colony formation by 50% (\pm s.e.m.). Underscored: significantly different from -antioxidant group ($P < 0.01$), as determined by analysis of variance with multiple comparison adjustment.

Figure 2A

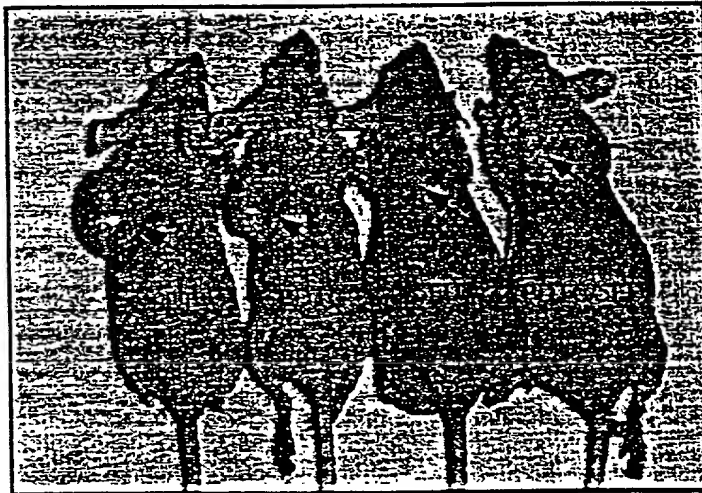
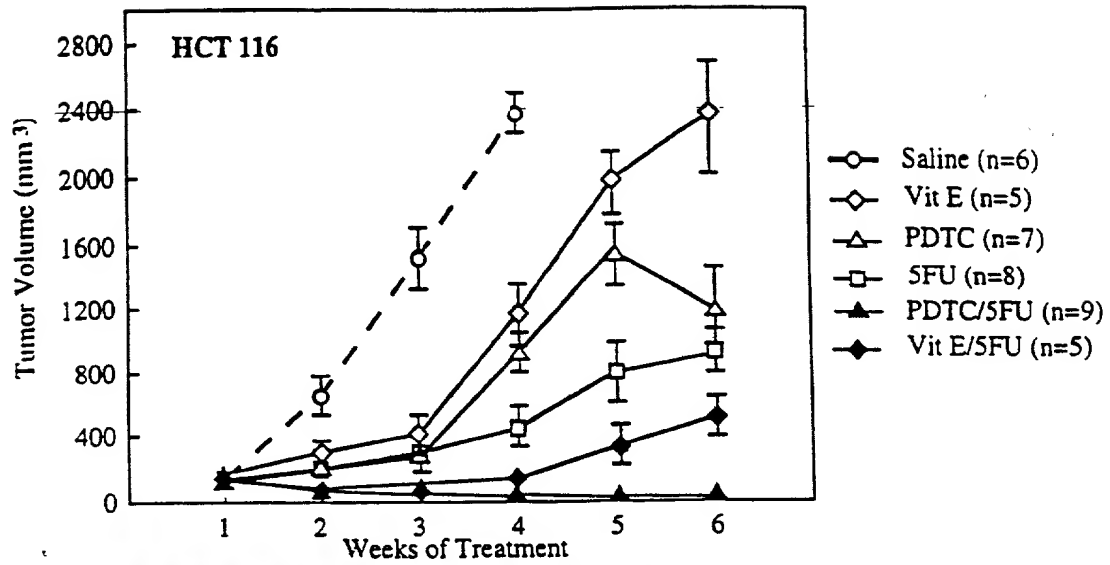


Figure 2B

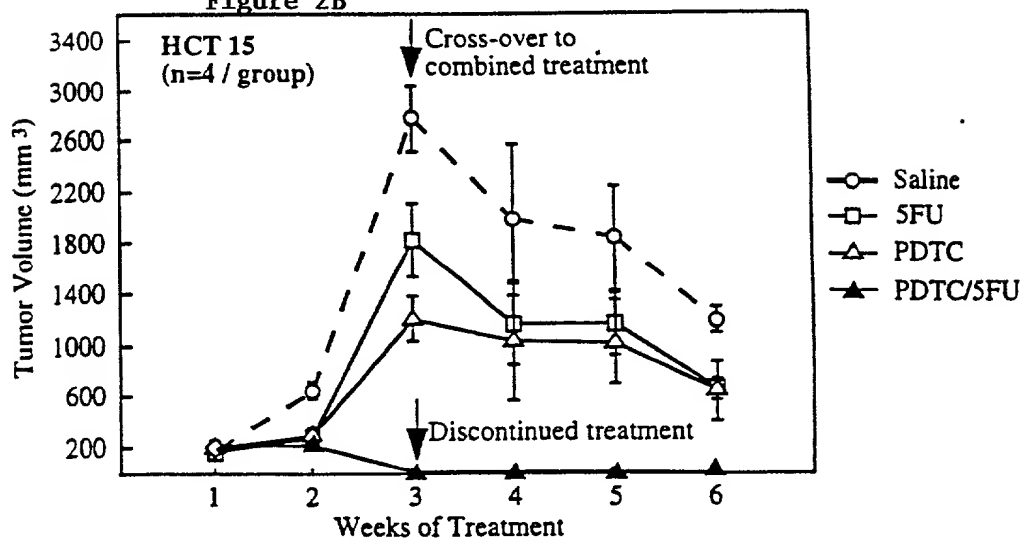


Figure 3A Western blot

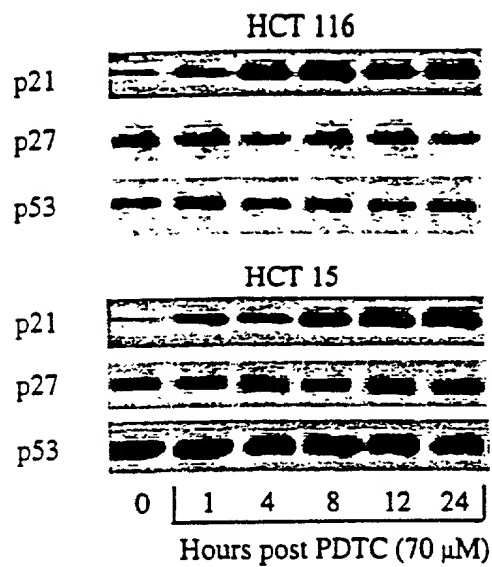


Figure 3B Northern blot

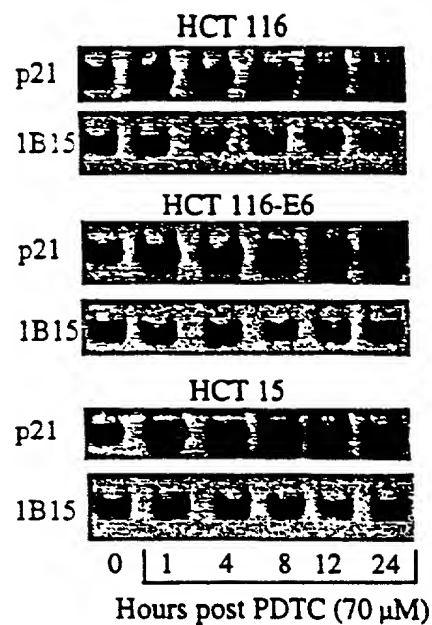


Figure 3C

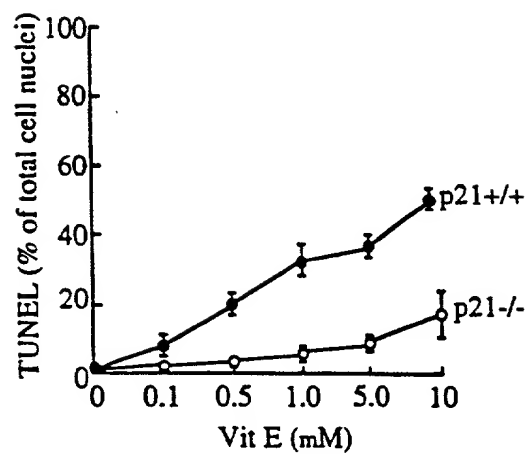
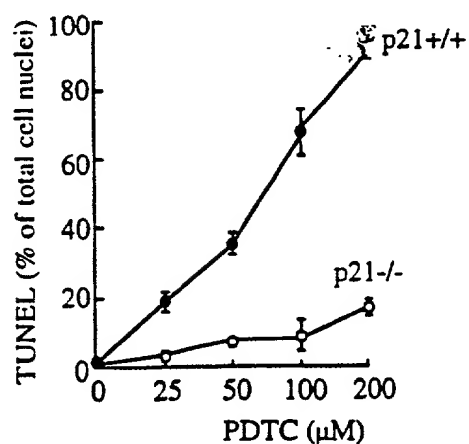


Figure 4A

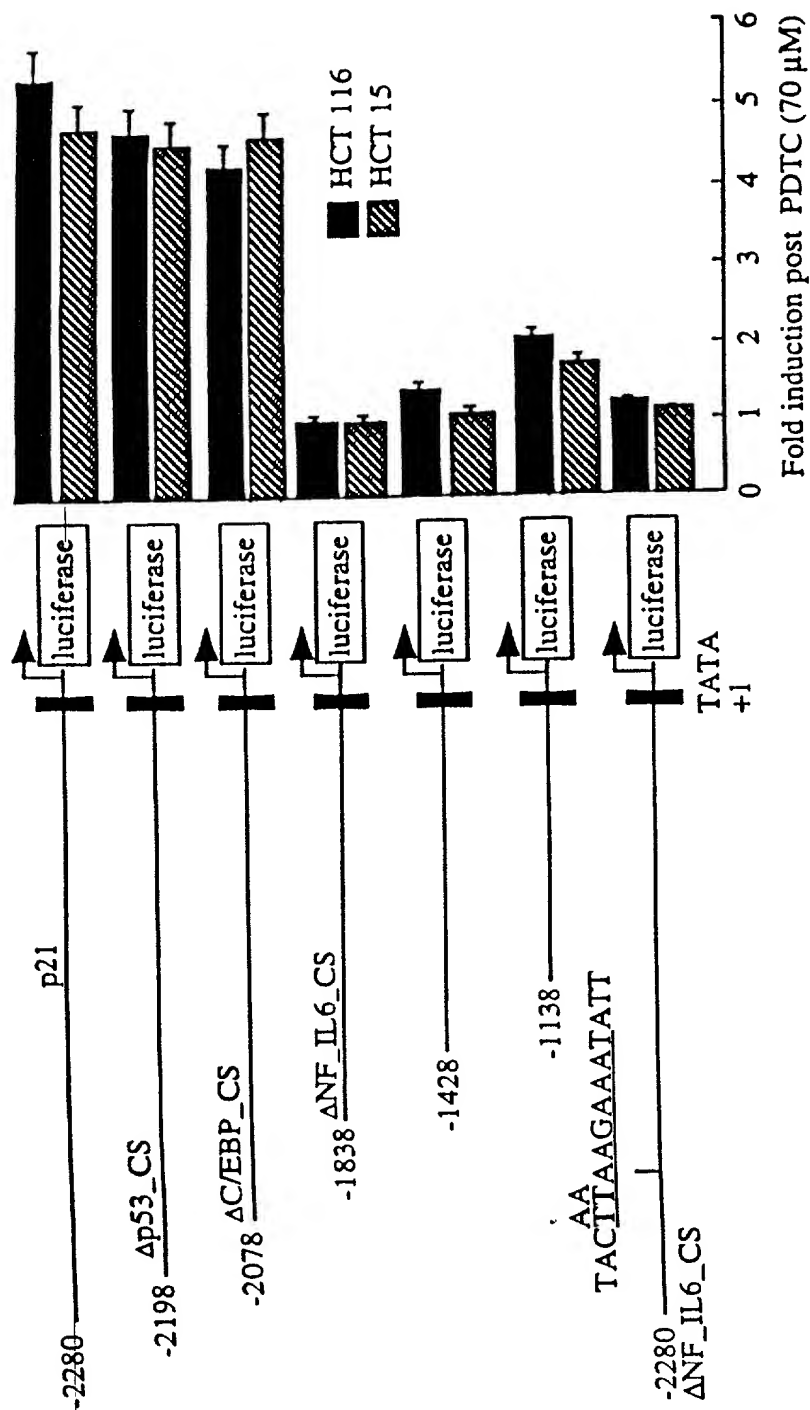


Figure 4B

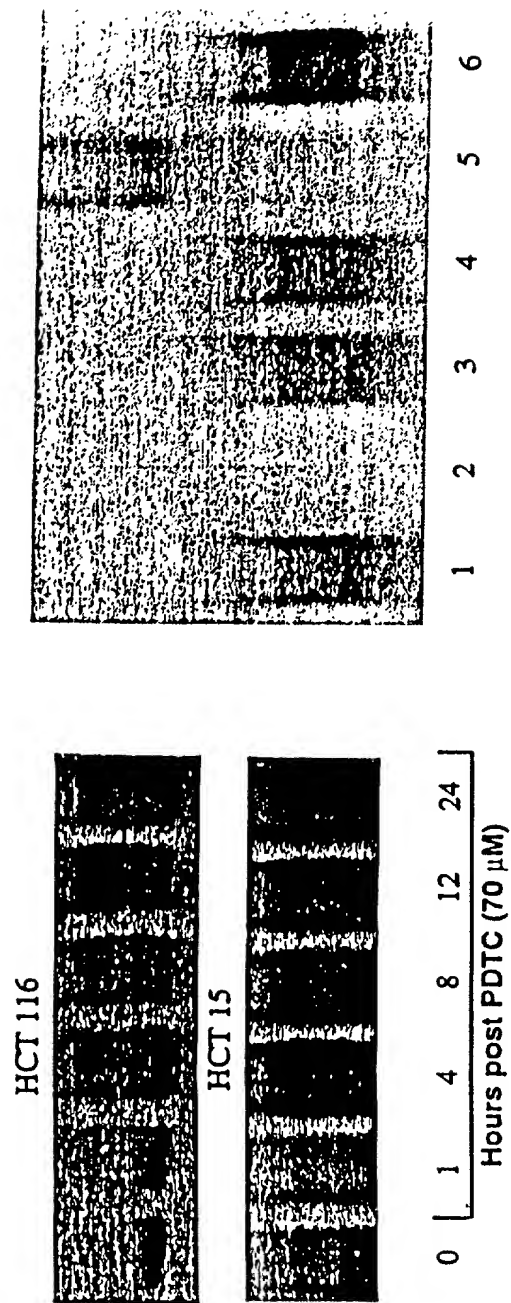


Figure 4C

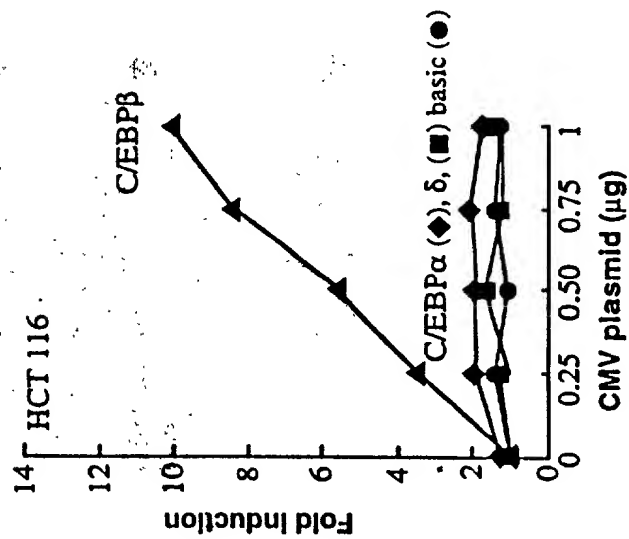


Figure 4D

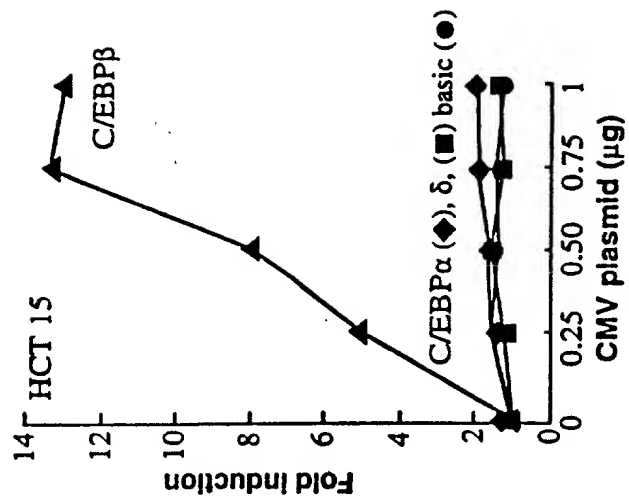


Figure 4E

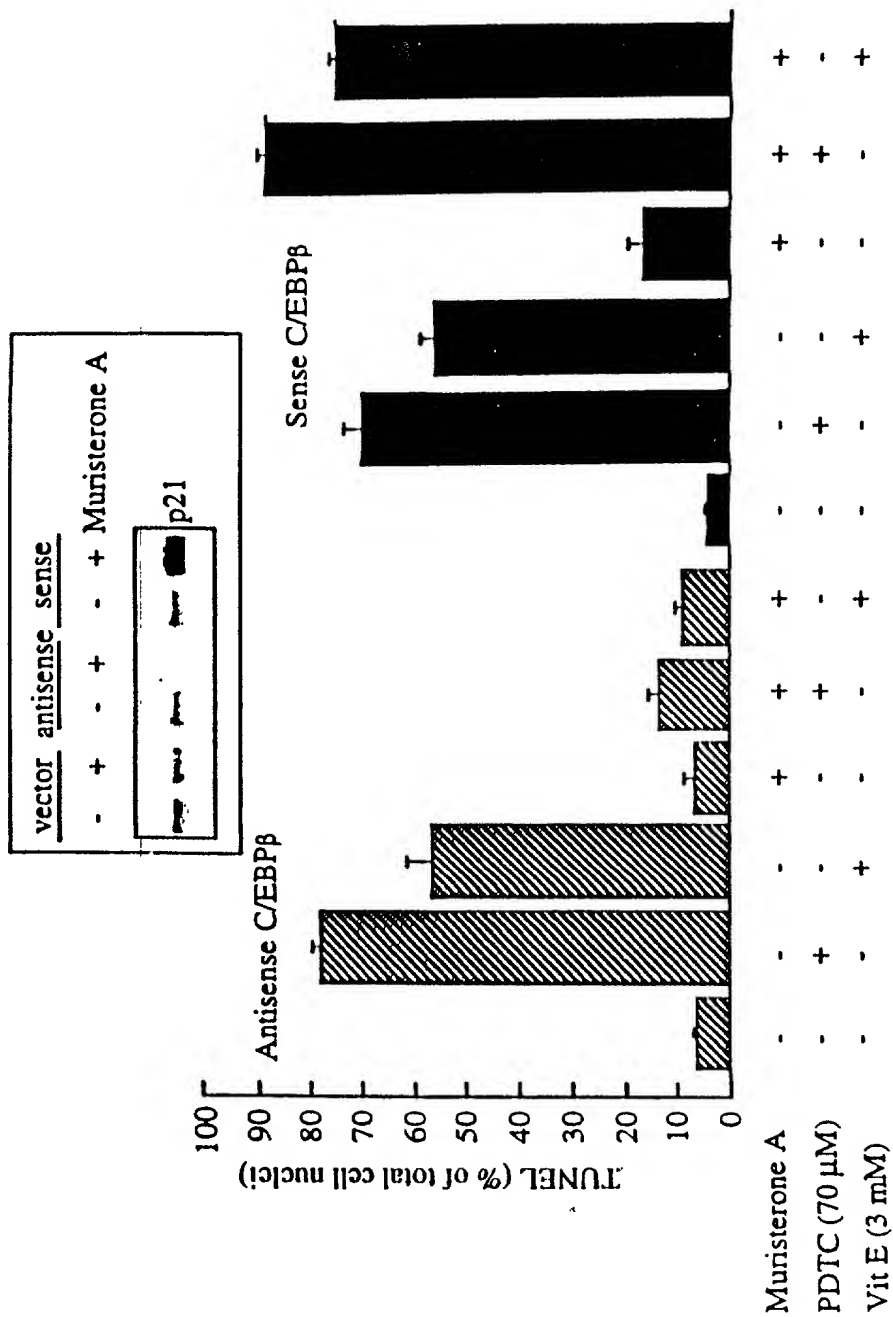
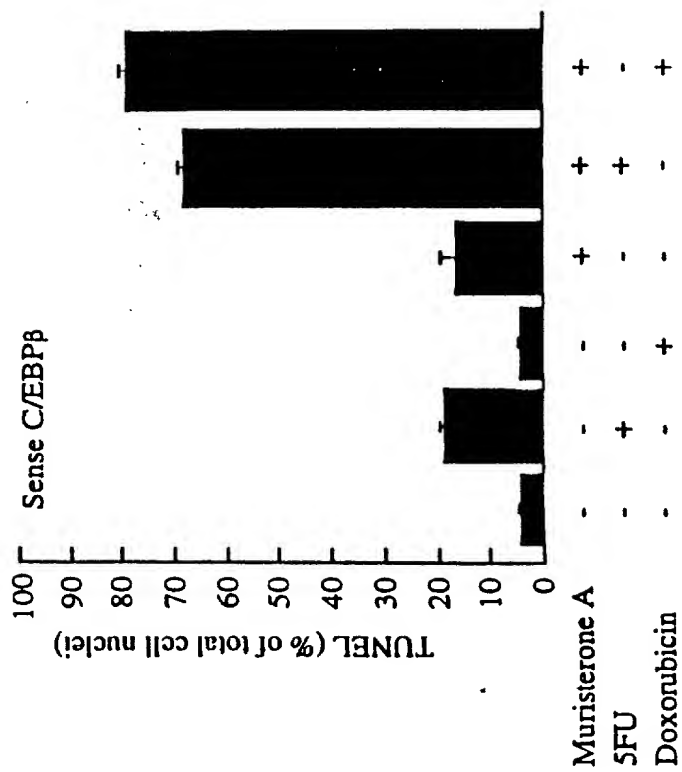


Figure 4F



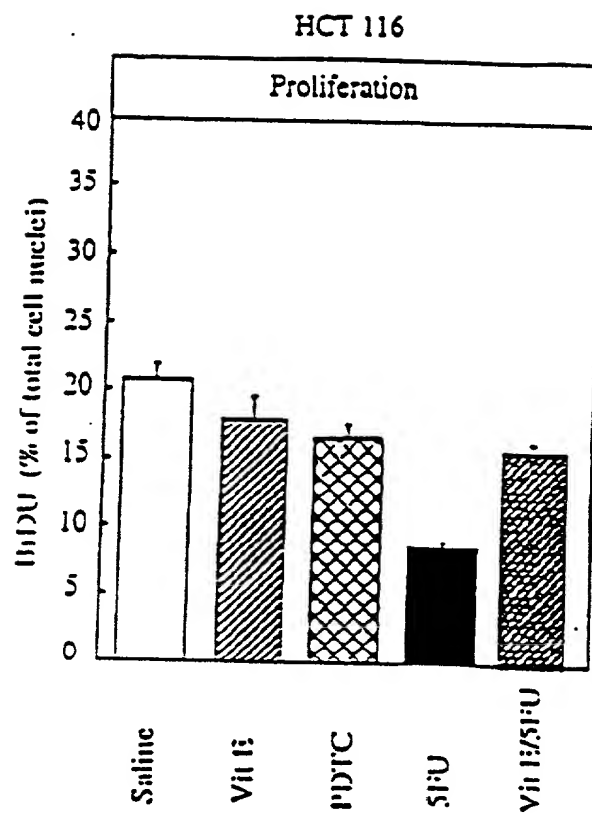


Figure 5A

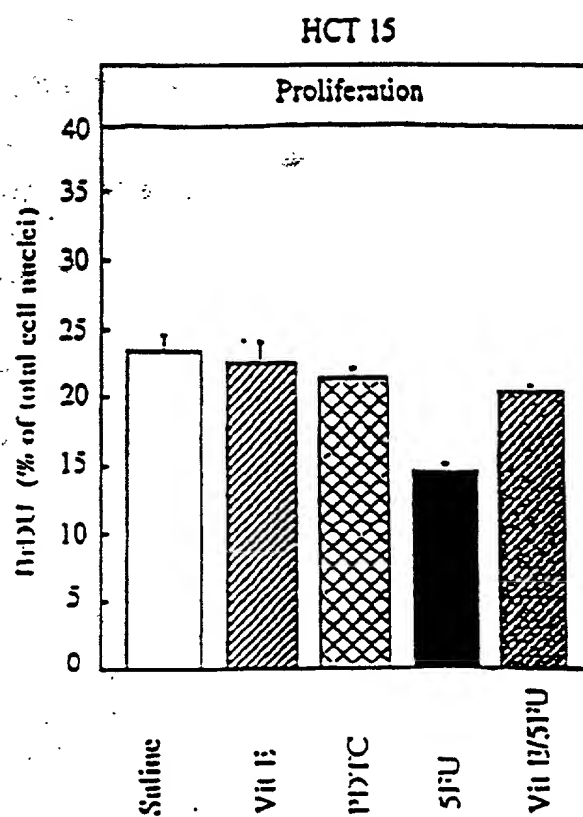


FIGURE 5B

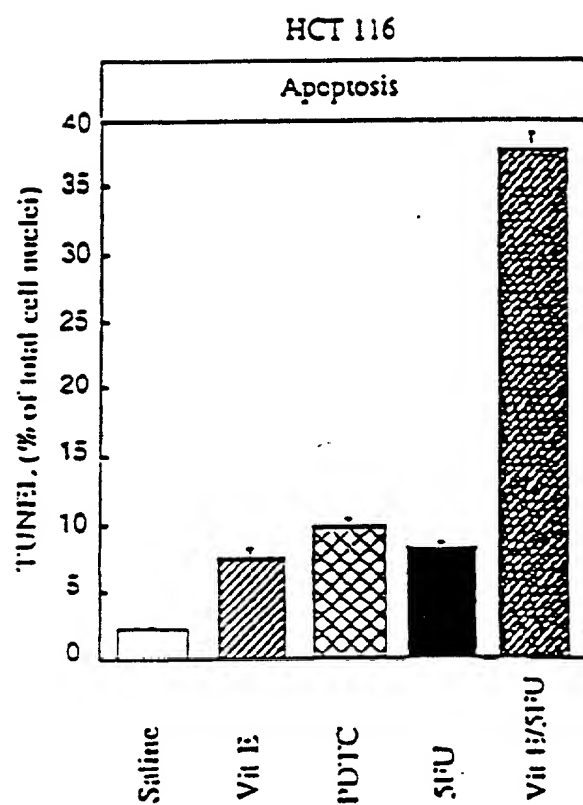


FIGURE 6A

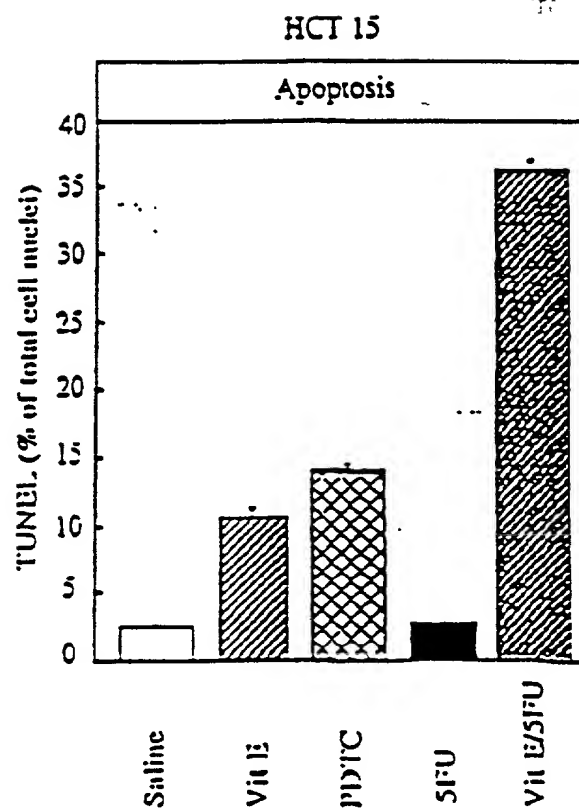


FIGURE 6B

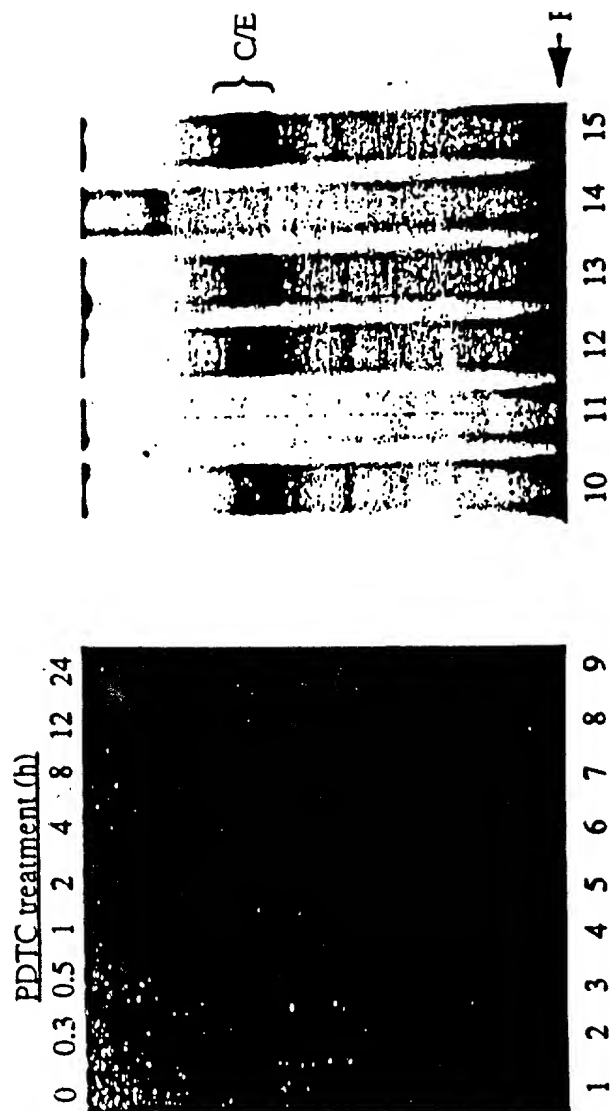


Figure 7A

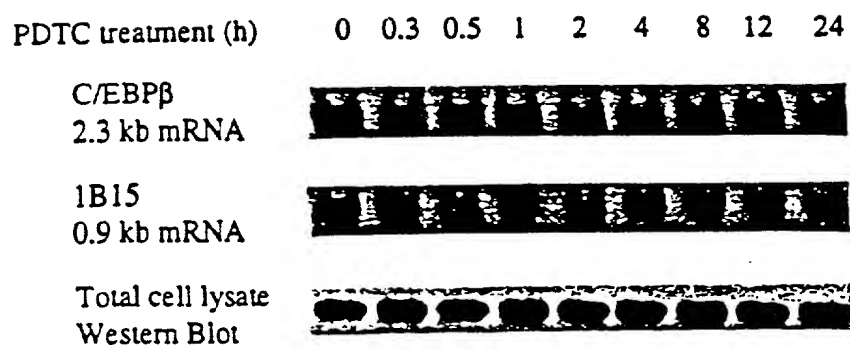


Figure 7B

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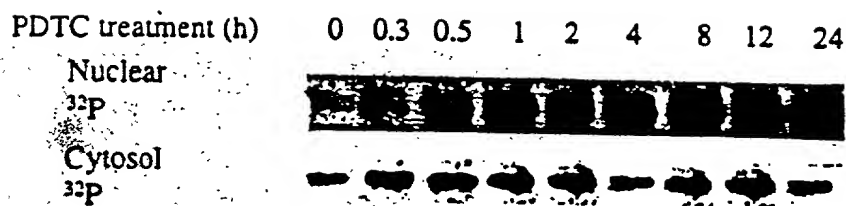
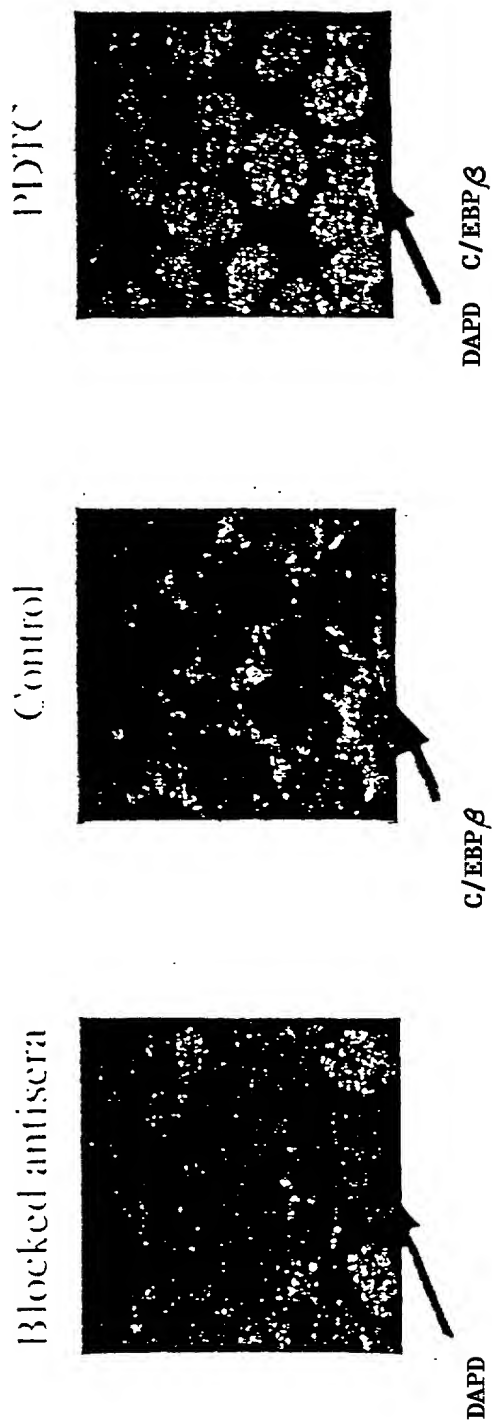


Figure 7C

Figure 7D



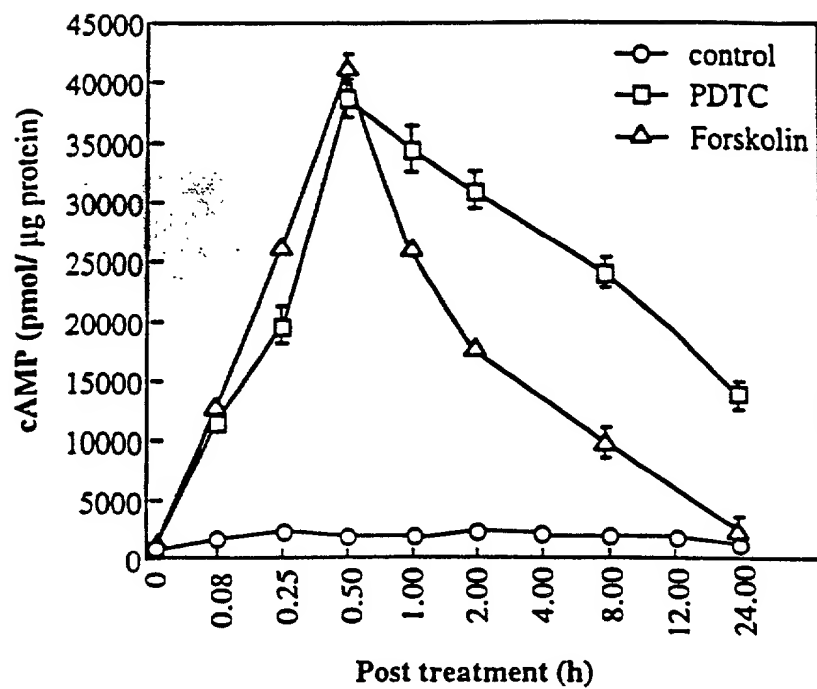


FIGURE 8A

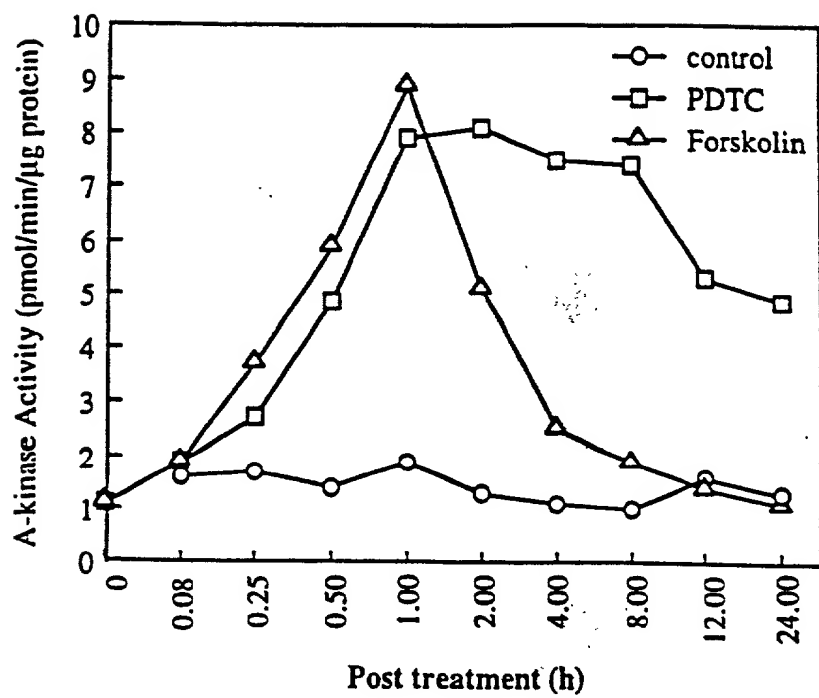


FIGURE 8B

Figure 9A

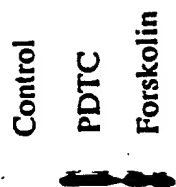
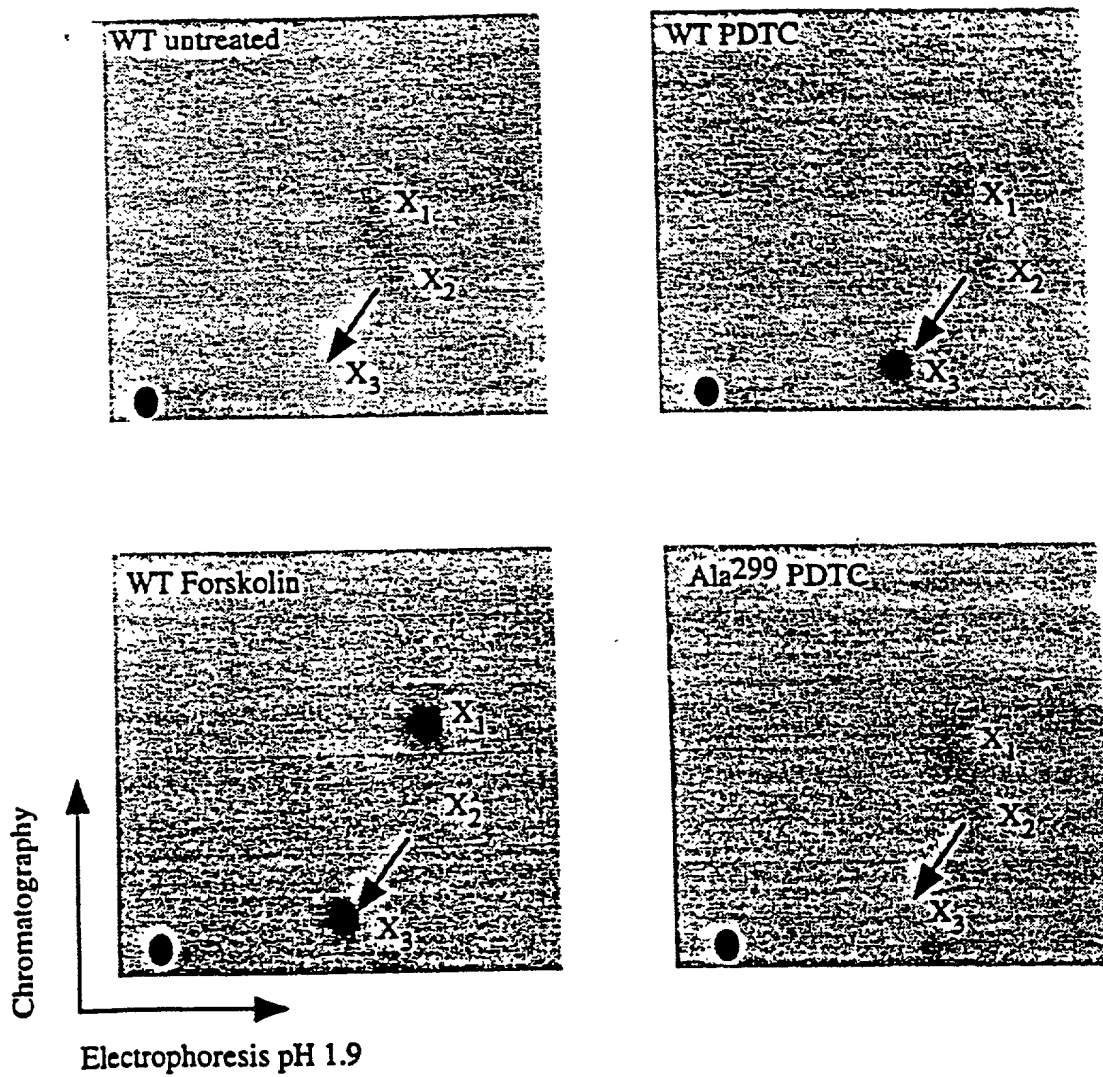


Figure 9B Trypsin cleavage



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Figure 9C

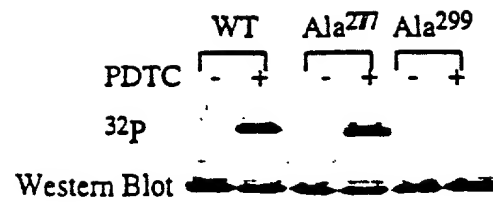


Figure 10A

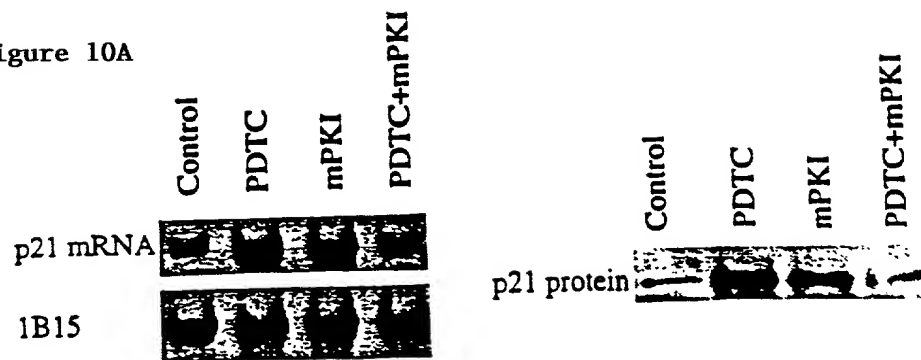
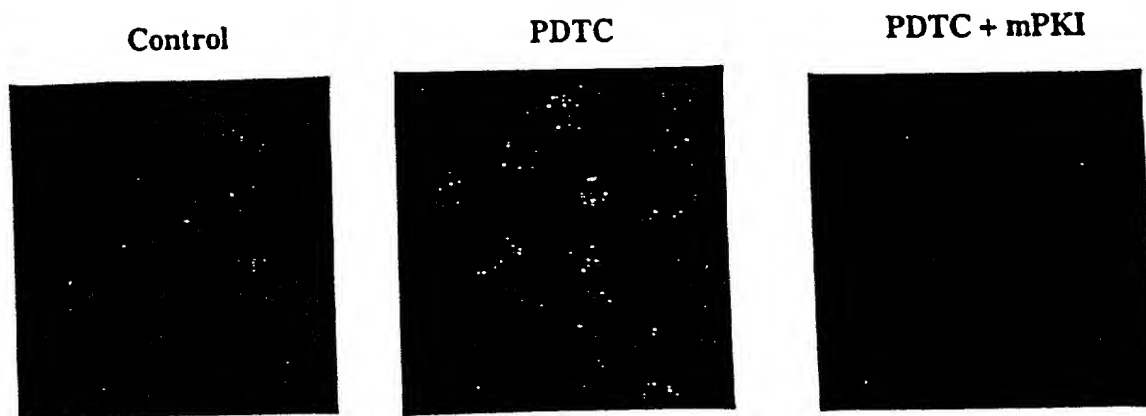


Figure 10B



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FIGURE 11

Carboxymethylation of PP2Ac is Inhibited by Antioxidants

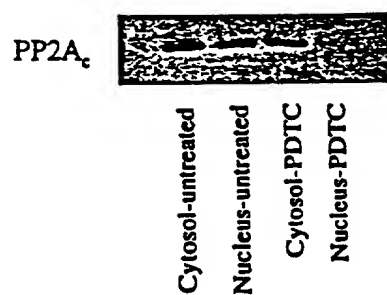
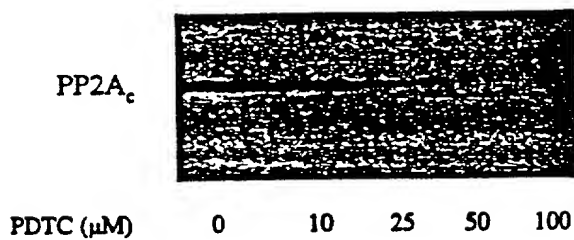


FIGURE 12

Antioxidants Inhibit Methyltransferase Activity Against PP2Ac



PDTC Inhibits PP2A, but not PP1, Activity

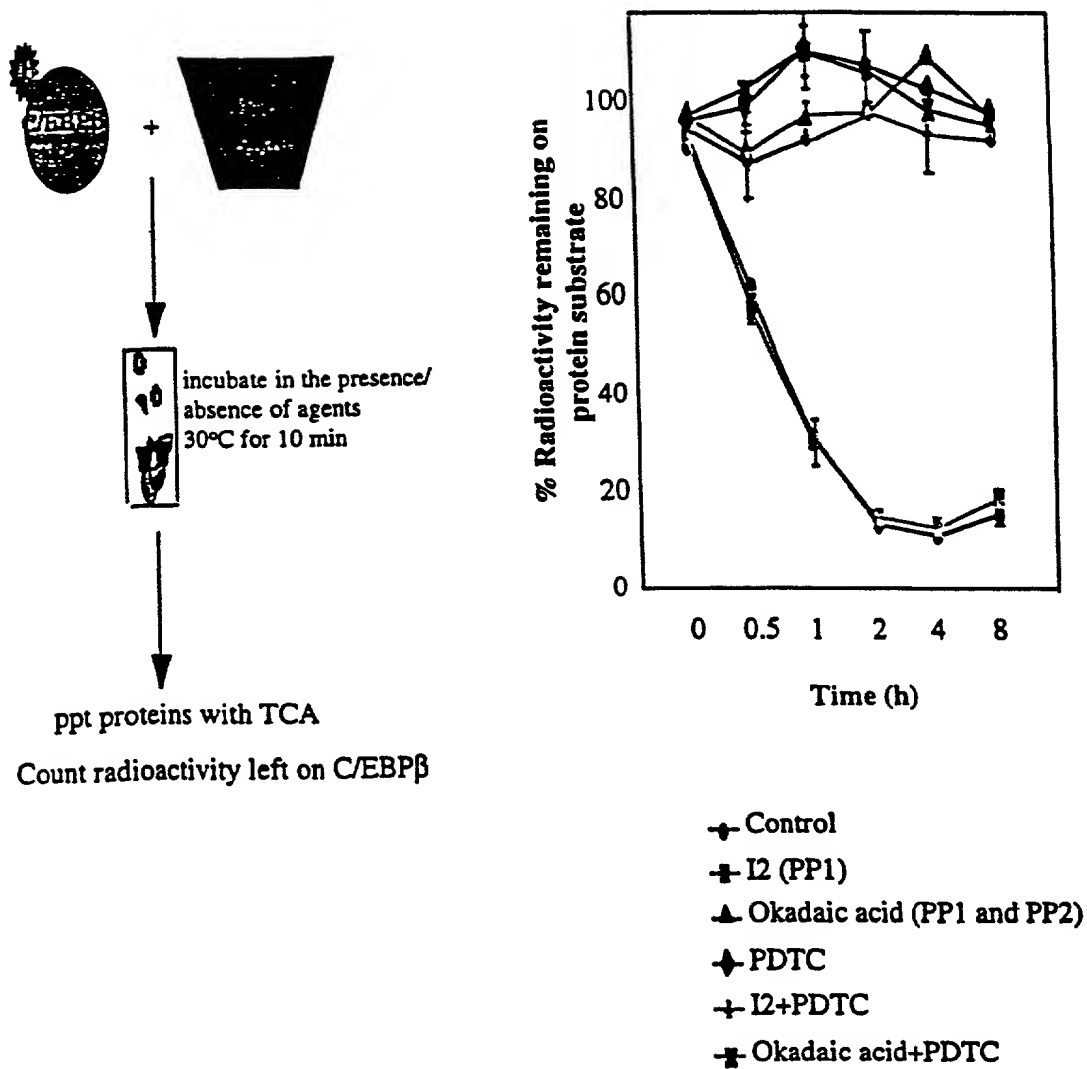


Figure 13

Figure 14

